

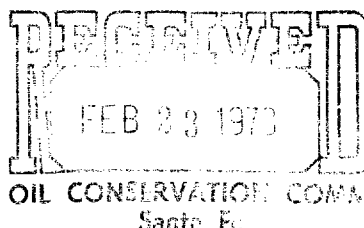


Amoco Production Company

500 Jefferson Building
P.O. Box 3092
Houston, Texas 77001

J. C. Burton
Division Engineer

February 20, 1973



File: WRG-986.51NM-1901

Re: Injection Well Waivers
Vacuum Grayburg-San Andres Unit
Lea County, New Mexico

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Texaco, Inc. has filed with the New Mexico Oil Conservation Commission application to drill three additional injection wells in its pressure maintenance project in the Vacuum Grayburg-San Andres Pool, Lea County, New Mexico. The proposed injection well locations are as follows:

<u>Well No.</u>	<u>Location</u>
35	2630' FNL & 1330' FEL, Sec. 1, T-18-S, R-34-E
45	1310' FNL & 2530' FWL, Sec. 2, T-18-S, R-34-E
47	1330' FNL & 10' FEL, Sec. 2, T-18-S, R-34-E

Amoco Production Company, as an offset operator, has no objection to the granting of these requested permits and hereby waives notice and hearing.

Very truly yours,

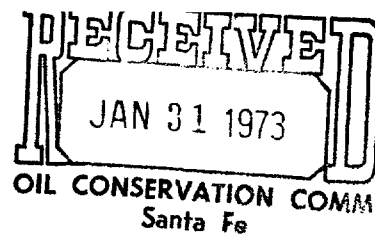
J.C. Burton

cc: Texaco, Inc.
Drawer 728
Hobbs, New Mexico 88240

EHW:as



PETROLEUM PRODUCTS



January 30, 1973

TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

PMX - 44
New Feb 20

Re: Proposed Injection Wells - TEXACO Inc.
Vacuum Grayburg - San Andres
Pressure Maintenance Project

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Texaco Inc. respectfully requests administrative approval to drill three additional injection wells in the referenced project as authorized by Commission Order No. R-4442, Rule 7, dated November 27, 1972.

The following is a tabulation of the proposed injection well locations.

<u>Well No.</u>	<u>Location</u>
35	2630' FNL & 1330' FEL, Sec. 1, T-18-S, R-34-E
45	1310' FNL & 2530' FWL, Sec. 2, T-18-S, R-34-E
47	1330' FNL & 10' FEL, Sec. 2, T-18-S, R-34-E

Attached is a plat showing the locations of the three proposed wells and the previously approved locations of the cited order that have not been drilled to date. The plat also shows five proposed producing well locations that are being requested by a similar application.

Also attached is a tabulation of the proposed well completion data and a schematic drawing of a typical injection well that depicts the casing, tubing, and perforated interval showing that the injection water will be confined to the Vacuum Grayburg-San Andres formation.

By copy of this application, each offset operator is requested to notify the Oil Conservation Commission, Santa Fe, New Mexico, that they have no objection to Texaco's proposal.

Yours very truly,

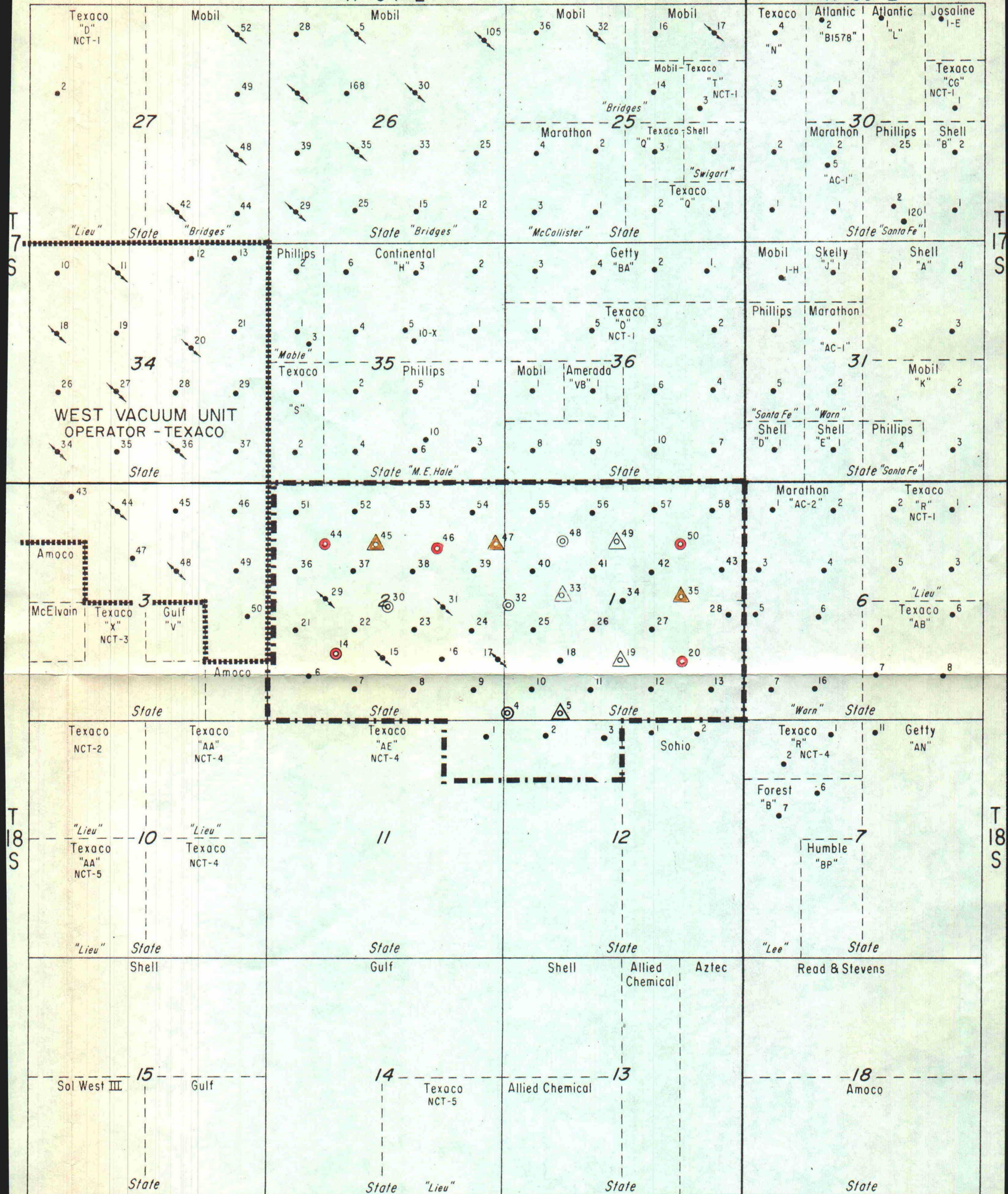
J. V. Gannon
J. V. Gannon
District Superintendent

KLP-BH
MAS, Jr.
N.M.O.C.C.-Hobbs
Offset Operators

Attachments

R-34-E

R-35-E



L E G E N D

- OUTLINE OF VACUUM GRAYBURG SAN ANDRES UNIT
- CURRENT PRODUCER
- CURRENT INJECTOR
- ⊙ APPROVED PRODUCER TO BE DRILLED
- △ APPROVED INJECTOR TO BE DRILLED
- ⊙ PROPOSED PRODUCER TO BE DRILLED
- △ PROPOSED INJECTOR TO BE DRILLED

TEXACO Inc.

A PORTION OF

VACUUM GRAYBURG SAN ANDRES POOL
LEA COUNTY, NEW MEXICO

SCALE: 0' 2000' 4000'

KLP/FMR

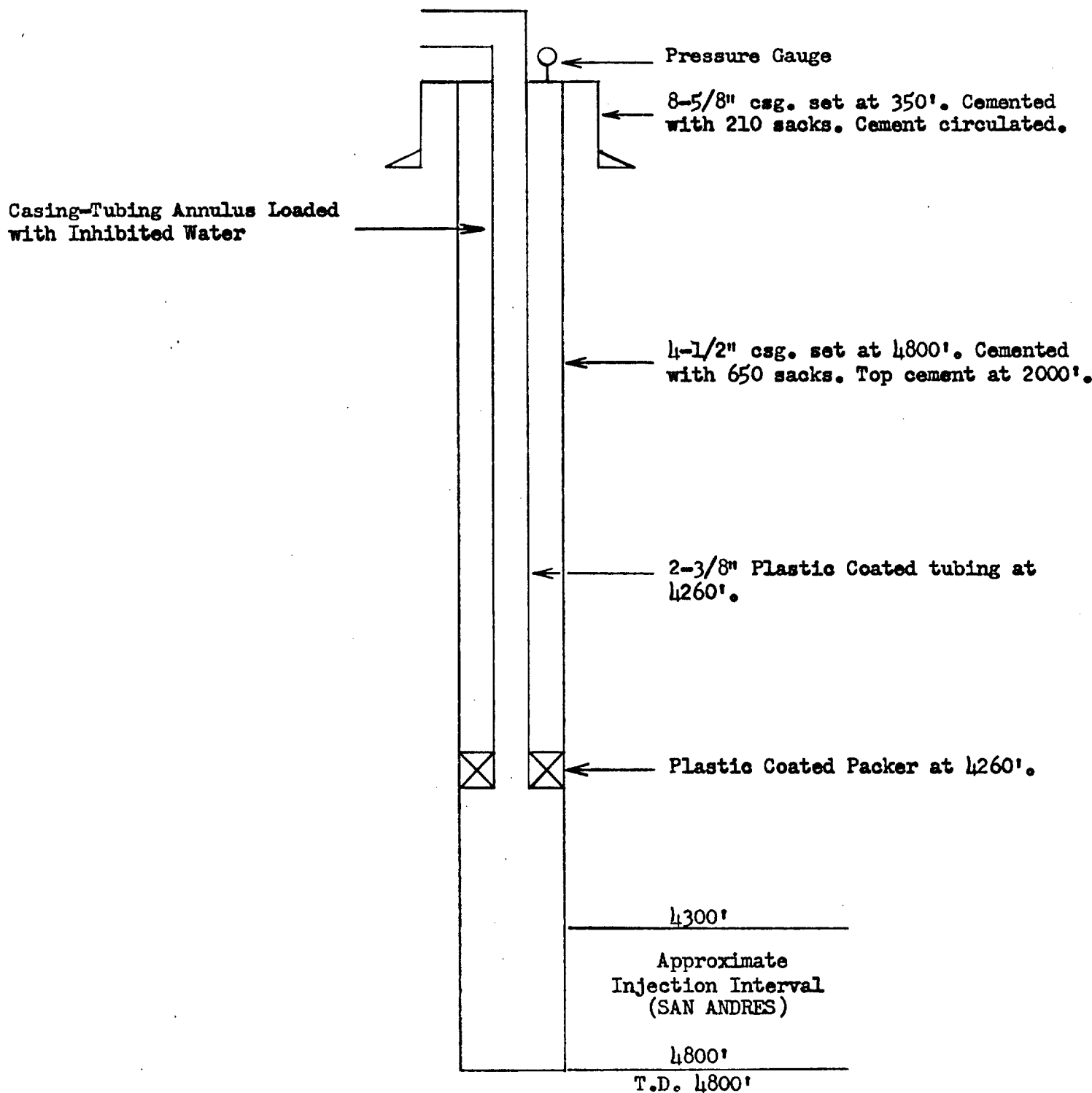
1-24-73

NOTE: ONLY SAN ANDRES WELLS SHOWN ON THIS MAP

PROPOSED WELL DATA
 TEXACO Inc.-VACUUM GRAYBURG-SAN ANDRES
 PRESSURE MAINTENANCE PROJECT

INJECTION WELLS

<u>Well No.</u>	<u>Surface Casing</u>			<u>Size</u>	<u>Producing Casing</u>			<u>Injection Interval</u>	
	<u>Size</u>	<u>Depth</u>	<u>Cement (sx.)</u>		<u>Depth</u>	<u>Cement (sx.)</u>	<u>Calc. Top of Cement</u>	<u>From</u>	<u>To</u>
35	8-5/8"	350'	210	To Be Circ.	4-1/2"	4800'	650	2000'	4300' 4800'
45	8-5/8"	350'	210	To Be Circ.	4-1/2"	4800'	650	2000'	4460' 4800'
47	8-5/8"	350'	210	To Be Circ.	4-1/2"	4800'	650	2000'	4420' 4800'



Schematic Sketch of Typical Injection Well
 TEXACO INC. VACUUM (GRAYBURG-SAN ANDRES)
 PRESSURE MAINTENANCE PROJECT
 VACUUM (GRAYBURG-SAN ANDRES) POOL
 LEA COUNTY, NEW MEXICO

OFFSET OPERATORS

Amoco Production Company
P. O. Box 1540
Midland, Texas 79701

Phillips Petroleum Company
217 Frank Phillips Building
Bartlesville, Oklahoma 74003

Shell Oil Company
P. O. Box 1509
Midland, Texas 79701

Marathon Oil Company
P. O. Box 552
Midland, Texas 79701

Sohio Petroleum Company
P. O. Box 3167
Midland, Texas 79701

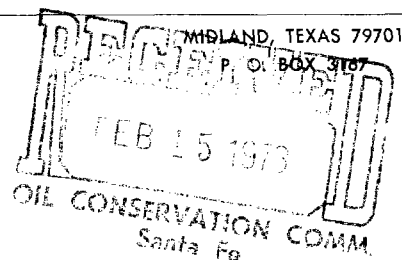


SOHIO PETROLEUM COMPANY
EXPLORATION AND PRODUCTION

February 13, 1973

MIDLAND DISTRICT

New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501



Re: Proposed Injection Wells
Texaco, Inc.
Vacuum Grayburg-San Andres

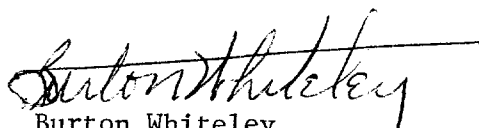
Attention: Mr. A.L. Porter, Jr.

Gentlemen:

This is to advise that Sohio Petroleum Company waives any objection to the drilling of the three injection wells listed below in Lea County, New Mexico. Referenced project-Commission Order No. R-4442, Rule 7 of 11/27/72.

<u>Well No.</u>	<u>Location</u>
35	2630' FNL & 1330' FEL, Sec. 1, T18S, R34E
45	1310' FNL & 2530' FWL, Sec. 2, T18S, R34E
47	1310' FNL & 10' FEL, Sec. 2, T18S, R34E

Yours very truly,

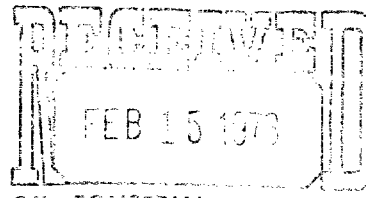

Burton Whiteley
District Superintendent

BW:rr

cc: Texaco, Inc.
Drawer 728
Hobbs, New Mexico 88240



PETROLEUM PRODUCTS



OIL CONSERVATION COMM.

Santa Fe TEXACO INC.
DRAWER 728

HOBBS, NEW MEXICO 88240

February 7, 1973

WAIVER

New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico

Re: Exception to Rule 104(C)
Vacuum Grayburg - San Andres
Pressure Maintenance Project

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Shell Oil Company has been notified of the application of
Texaco, Inc. to drill three injection wells in the referenced project at
the following locations:

<u>Well No.</u>	<u>Location</u>
35	2630' FNL & 1330' FEL Sec. 1, T-18-S, R-34-E
45	1310' FNL & 2530' FWL Sec. 2, T-18-S, R-34-E
47	1330' FNL & 10' FEL Sec. 2, T-18-S, R-34-E

Shell Oil Company as an offset operator hereby waives objection
to this application.

By D. S. Curtis
Title Div. Operations Engr
Date 2-9-73